

IN THE CLAIMS

Amend the claims as follows:

1. (Currently Amended) A stocker apparatus comprising:

a first tray stock section capable of stocking a plurality of empty trays;

a second tray stock section capable of stocking a plurality of loaded trays, the loaded trays being the empty trays loaded with products;

tray supporting means provided in said first tray stock section and said second tray stock section respectively for supporting the trays;

lifting and lowering means for lifting and lowering said tray supporting means; and

carrier means for carrying the loaded tray to said second tray stock section when the products are loaded on the empty tray existing in said first tray stock section,

said apparatus further comprising:

an outer wall constituting member covering at least side surfaces and upper surfaces of said first trays stock section and said second tray stock section to separate said first tray stock section and said second tray stock section from an external atmosphere;

an opening provided at an upper portion of said first tray stock section, said opening allowing the products to be carried in therethrough;

an ionizer provided near said opening and disposed between the first tray stock and the second tray stock, said ionizer jetting ionized air to the products carried in through said opening by jetting ionized air from the ionizer in a horizontal direction and in a diagonally downward direction towards said opening, and of the ionized air flows in a said horizontal direction being opposite to a direction of ~~where~~ transport of the products are transported and said jetting being

from a side of said opening near said ionizer to the other side of said opening so as to remove contaminants and dust from the transported products and passes said ionized air passing under a lid member, while forming a flow passage parallel to the lid member, and then mainly proceeds within a space disposed between an inner wall side surface and a plate being the outer wall by suction force of an exhaust fan, so that the air proceeding within the space reaches the exhaust fan and is exhausted to an outside of the stocker apparatus by the exhaust fan, the products then being loaded on the empty tray; and

an air cleaning means provided at an upper portion of said second tray stock section, said air cleaning means cleaning outside air and then introducing the air into said second tray stock section,

wherein the products that are loaded on the empty tray existing in said first tray stock section are carried within the loaded tray to said second tray stock section, and are stocked in said second tray stock section that has air cleaned by said air cleaning means.

2. (Previously Presented) The stocker apparatus according to claim 1, wherein said outer wall constituting member includes a frame, an elastically deformable sealing member abutting on the frame in a longitudinal direction thereof, a panel member abutting on the sealing member, and a pad member abutting on the panel member in a manner to cover an outer edge thereof and fixedly attached to a frame member to thereby elastically hold the panel member with the sealing member therebetween.

3. (Previously Presented) The stocker apparatus according to claim 1, wherein each of said lifting and lowering means has four annular belts for supporting each of said tray supporting means at four points, the annular belt being formed by superposing one end on another end of a

straight belt having both the ends and fixedly holding the ends by a both end fixing member, and the both end fixing member being located outside a winding round of the annular belt.

4. (Original) The stocker apparatus according to claim 3, wherein the straight belt is a straight toothed belt, and one end side or another end side of the straight toothed belt is bent 180 degrees and then the one end side and the other end side are superposed and fixedly held by the both end fixing member.

5. (Currently Amended) A stocker apparatus comprising:

a first tray stock section capable of stocking a plurality of empty trays;

a second tray stock section capable of stocking a plurality of loaded trays, the loaded trays being the empty trays loaded with products;

tray supporting means provided in said first tray stock section and said second tray stock section respectively for supporting the trays;

lifting and lowering means for lifting and lowering said tray supporting means; and

carrier means for carrying the loaded tray to said second tray stock section when the products are loaded on the empty tray existing in said first tray stock section; and

an air cleaning means provided at an upper portion of said second track stock section, said air cleaning means cleaning outside air and then introducing the air into said second tray stock section,

said apparatus further comprising:

an outer wall constituting member covering at least side surfaces and upper surfaces of said first trays stock section and said second tray stock section to separate said first tray stock section and said second tray stock section from an external atmosphere;

an opening provided at an upper portion of said first tray stock section, said opening allowing the products to be carried in therethrough; and

an ionizer provided near said opening and disposed between the first tray stock and the second tray stock, said ionizer jetting ionized air to the products carried in through said opening by jetting ionized air from the ionizer in a horizontal direction and in a diagonally downward direction towards said opening, and the ionized air flows in a said horizontal direction being opposite to a direction of ~~where transport of the products are transported~~ and said jetting being from a side of said opening near said ionizer to the other side of said opening so as to remove contaminants and dust from the transported products and passes said ionized air passing under a lid member, while forming a flow passage parallel to the lid member, and then mainly proceeds within a space disposed between an inner wall side surface and a plate being the outer wall by suction force of an exhaust fan, so that the air proceeding within the space reaches the exhaust fan and is exhausted to an outside of the stocker apparatus by the exhaust fan, the products then being loaded on the empty tray,

wherein said outer wall constituting member includes a frame, an elastically deformable sealing member abutting on the frame in a longitudinal direction thereof, a panel member abutting on the sealing member, and a pad member abutting on the panel member in a manner to cover an outer edge thereof and fixedly attached to a frame member to thereby elastically hold the panel member with the sealing member therebetween, and

the products that are loaded on the empty tray existing in said first tray stock section are carried within the loaded tray to said second tray stock section, and are stocked in said second tray stock section that has air cleaned by said air cleaning means.

6. (Cancelled).